

Claims:

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- 5 1. Method for reeling of a web, in which method a web (W) is reeled around a reel spool (11) via a reeling nip formed by the reel spool (11) and a reeling means (5), the reel that is formed on the reel spool (11) is supported at least by the ends of the reel spool (11), and as the reeling proceeds, the position of the reel being formed and the position of the reel spool (11) are changed with respect to the means (5) guiding the web (W), **characterized** in that the reel spool (11) rests and/or is supported substantially during the entire said "nip closed" reeling process of the reeling means (5) substantially in its position with respect to the same supporting surface (44).
- 10 2. Method according to claim 1, **characterized** in that the supporting surface (44) to which the reel (11) that is being formed is supported, is moved away from the reeling means (5) when the reel (11) to be reeled grows.
- 15 3. Method according to claim 1 or 2, **characterized** in that the reel spool (11) rests and/or is supported substantially in its position with respect to said supporting surface (44) which is formed as a rolling surface, such as a bearer surface, on which the reel spool (11) can move by rolling with respect to said supporting surface (44).
- 20 4. Method according to any of the claims 1 to 3, **characterized** in that at the initial stage of the reeling a new reel spool (11) is lowered onto the movable supporting surface (44).
- 25 5. Method according to any of the claims 1 to 4, **characterized** in that in the change situation the reeling nip between the reeling means (5) and the reel (11) is opened and the reel spool (11) is transferred from the movable supporting surface (44) to rail members (3), such as fixed rails or the like (3).
- 30 6. Method according to any of the claims 1 to 5, **characterized** in that in the change situation the movable supporting surface (44) is transferred into the initial position in the vicinity of the reeling means (5).
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and the new reel spool (11) is lowered on top of the movable supporting surface (44).

5 7. Method according to any of the claims 1 to 6, **characterized** in that in the change situation the movable supporting surface (44) is transferred in connection with the fixed rails or the like (3), and the reel spool (11) is rolled along said supporting surface (44) to the rail members (3).

10 8. Reel-up of a web which comprises at least a reeling means (5) for guiding a web (W) onto a reel (11), and supporting structures (2) for supporting a reel spool and the reel being formed (11) and/or a complete reel (12), **characterized** in that the reel-up comprises an assembly of supporting devices, which comprises at least a part of the rolling surface in the upper surface of the supporting structure, such as
15 a bearer surface or a corresponding surface (3) on which the reel spool and the roll (11, 12) thereon can roll, and at least a part of a supporting surface (44), such as the surface of a slide or a corresponding arrangement (4), which supporting surface (44) can be moved with respect to the reeling means (5) from the functional vicinity of the
20 reeling means (5) to the vicinity of the bearer surface of the supporting structure (2).

25 9. Reel-up according to claim 8, **characterized** in that the movable supporting surface (44) and the rolling surface are arranged substantially on the same vertical level.

30 10. Reel-up according to claim 8 or 9, **characterized** in that the movable supporting surface (44) is arranged in a slide (4) which is supported to the supporting structure (2).

11. Reel-up according to any of the claims 8 to 10, **characterized** in that the movable supporting surface (44) is arranged to be equal in width with the rolling surface, such as the fixed rail section (3).

35 12. Reel-up according to claim 10 or 11, **characterized** in that the respective surfaces (45) of the rolling surface, such as the fixed rail section (3), and of the movable supporting surface (44), are formed in

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such a way that when the slide (4) is brought in contact with the fixed rail part (3), a section (45') is formed, extending on at least a length substantially in the direction of the rail (3, 44).

5 13. Reel-up according to any of the claims 8 to 12, **characterized** in that said supporting surface (44) is formed as a rolling surface, such as a bearer surface, on which the reel spool (11) can roll and move with respect to said supporting surface (44).

10 14. Reel-up according to any of the claims 8 to 13, **characterized** in that said supporting surface (44) is arranged to form an extension to said rail members (3), such as fixed rails or bearer surface, to move the reel spool (11) by rolling from the supporting surface (44) to said rail members (3).

15 15. Method for reeling a paper web with a reel-up which comprises at least an arrangement supporting the reel during the change, such as reeling carriages (33) and a pressing device (34) such as a roll attached thereto, in which method a web (W) is reeled around a reel
20 spool (R), **characterized** in that the arrangement, such as a reeling carriage or the like (33) supporting the reel (R) at least during the change, is driven to the vicinity of a reeling means (31) substantially immediately after the reel (R) change.

25 16. Method according to claim 15, **characterized** in that the reeling on the new reel spool (R) is started before the reeling carriage or the like (33) is driven to the vicinity of the reeling means (31).

30 17. Method according to claim 15 or 16, **characterized** in that after the change the reeling is effected on the support of a primary or initial reeling device (32) for a suitable period of time, wherein during this time the reeling carriage (33) with its pressing rolls (34) is driven in the vicinity of the reeling means (31).

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